

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)



(10) International Publication Number
WO 01/22043 A3

PCT

G01G 13/00,

(81) **Designated States (national):** AE, AG, AL, AM, AT, AT (utility model), AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, CZ (utility model), DE, DE (utility model), DK, DK (utility model), DM, DZ, EE, EE (utility model), ES, FI, FI (utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK (utility model), SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.

Danish

English

(84) **Designated States (regional):** ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

Published:
— with international search report

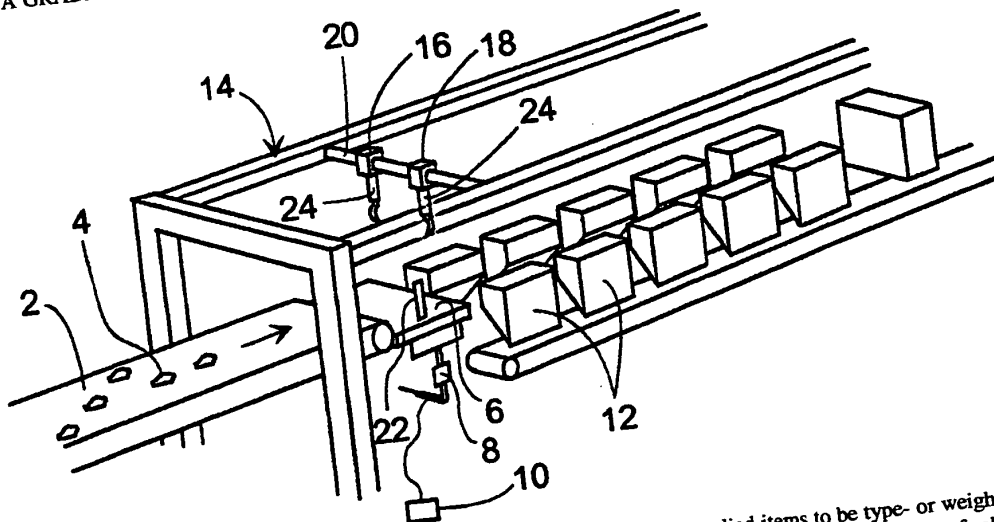
(88) Date of publication of the international search report:
18 October 2001

(72) Inventor; and
(75) Inventor/Applicant (for US only): NIELSEN, Ulrich,
Carlin [DK/DK]; Hjarbæksvej 20, DK-8680 Ry (DK).

(74) Agent: K. SKØTT-JENSEN PATENTINGENIØRER
A/S, Lemmingvej 225, DK-8361 Hasselager (DK).

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: A GRADER APPARATUS



WO 01/22043 A3

(57) **Abstract:** In portioning-out plants, it is current practice for the successively supplied items to be type- or weight-determined and thereafter transferred for selective depositing in selected receiving stations. With the invention, use is made of robot technique for effecting the relevant transfer of the items, which offers a number of advantageous possibilities.